

Availability At Daily Maximum Demand Hour

ST-Coal	2,070	MW
ST-Gas	0	MW
ST-Oil	140	MW
Gas	4,515	MW
Hydro	1,667	MW
Distillate	0	MW
Total TNB	8,392	MW
Total IPP	11,313	MW
Total Co-Gen	82	MW
System Total	20,347	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30	
TNB Generation	5,665 MW
IPP Generation	8,774 MW
Total Set On Bus	15,482 MW
Maximum Demand	14,518 MW
Spinning Reserve	961 MW
Net Energy	297,075 MWH
Load Factor	85.3 %

Maximum Demand Record

Date :	20/06/2012	15,826.0 MW
Date :	20/06/2012	328,716.0 MWH

Hourly System MW Generation

	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
System Total	10940	10477	10305	9929	9666	9641	9903	10309	10905	12637	13576	14261	14189	13811	14213	14373	14449	14132	13135	12692	13730	13582	13080	12664

Gas Usage

Station	(mmscfd)
CBPS	33
GLGR	59
PAKA	13
PGPS	41
SRDG	5
TJGS	208
TNB Total	360
KLPP	104
MPSS	55
PGLA	84
PLPS	96
SGB3	73
SGRI	31
SKSP	48
YPGS	34
YPKA	119
IPP Total	644
Total Gas	1,004

Total Gas Required : 1,004
Gas Calorific Value : 38,500

Generation Mix

Type	MWh	Percentage
ST-Coal	48,839.00	16.44 %
Gas	47,954.00	16.14 %
Hydro	14,370.00	4.84 %
Total TNB	111,163.0	37.42 %
ST-Coal	100,137.0	33.71 %
Gas	83,395.0	28.07 %
Total IPP	183,532.0	61.78 %
Co-Gen	2,239.0	0.75 %
Total Co-Gen	2,239.0	0.75 %
Total Generation	296,934.0	99.95 %
PLTG	560.0	0.19 %
HVDC	-701.0	-0.24 %
Interconnection	-141.0	-0.05 %
Net Energy	297,075.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	451
Hydro	243
Syncon	226
Thermal	10
Total	931

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	32

Station	Unit	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300																											
TIE-PLTG		-33	60	-15	80	-19	-40	23	22	98	45	8	-22	15	-22	-6	-34	124	67	-93	72	-40	-18	51	43	66	109	2	11	46	32	41	33	52	7	41	71	65	-42	98	-52	-8	-89	-128	32	-8	-38	-16	57			
Interconnection		-62	32	-43	51	-48	-69	-6	-7	69	17	-20	-50	-13	-51	-35	-63	95	38	-122	42	-70	-47	22	13	36	80	-27	-19	16	3	12	3	22	-23	11	-42	36	-71	68	-81	-37	-119	-158	3	-37	-68	-46	27			
System Total		10940	10735	10477	10300	10305	9956	9929	9758	9666	9578	9641	9808	9903	10323	10309	10356	10905	11887	12637	12982	13576	13955	14261	14369	14189	13858	13811	14099	14213	14518	14373	14454	14449	14382	14132	13529	13135	12725	12692	13284	13730	13713	13582	13316	13080	13055	12664	12181			
SRev ST-Coal		11	14	193	171	167	380	387	442	438	474	432	437	458	302	256	248	162	1	-1	-2	5	5	8	6	21	9	40	36	-59	72	53	4	56	57	13	15	4	10	-4	4	16	26	15	30	35	11	-3	12			
SRev ST-Oil		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SRev CCGT-Gas		856	937	1154	1194	1188	1316	1240	1309	1399	1518	1760	1666	1540	1402	1414	1346	1258	835	638	373	473	355	461	441	500	504	451	507	554	437	490	424	445	539	609	483	595	1024	899	606	586	751	510	463	488	470	555	750			
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	60	61	61	61	63	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev Co-Gen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Syncon		625	625	625	625	726	726	726	726	726	726	575	575	575	575	726	726	726	726	625	625	474	172	172	172	474	625	474	323	86	86	86	86	86	86	86	323	575	575	575	575	172	172	172	172	474	474	474	474			
Hydro		149	174	116	177	76	80	99	99	107	92	105	212	183	92	131	53	122	141	92	119	48	108	307	364	398	395	135	177	213	300	405	379	361	354	330	321	105	79	143	10	202	132	130	264	105	91	164	148			
S.Reserve Total		1646	1755	2093	2172	2162	2507	2457	2581	2675	2815	3028	2895	2761	2376	2381	2378	2273	1708	1460	1120	1156	947	953	988	1096	1387	1256	1207	1096	961	1100	959	1016	1071	1043	1147	1304	1713	1638	1220	1131	1236	982	1084	1157	1051	1195	1389			